

Stacey Perino
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Stacey Perino

Federal Bureau of Investigation
Cryptologic and Electronic Analysis Unit
ERF, Building 27958A
Quantico, VA 22135
(703) 985-1138

PROFESSIONAL EXPERIENCE

Federal Bureau of Investigation Quantico, VA

2009 – Present

Technical Director - Electronics Engineer Cryptologic and Electronic Analysis Unit

Provide technical direction and oversight for the Vulnerability Analysis Program and the Embedded Engineering Program. Ensure the unit is effectively utilizing its technical resources to address current and future challenges. Identify those challenges and align resources to address them.

2001 – 2009

Program Manager Cryptologic and Electronic Analysis Unit

Wrote and reviewed technical reports prior to dissemination. Provided presentations on forensic challenges and technical issues involved electronic device data recovery to a variety of audiences from high level managers to forensic experts from both United States and foreign governments. Reverse engineered hardware and software products to parse and recover forensic data.

1996 – 2001

Electrical Engineer Cryptologic and Electronic Analysis Unit

Developed both hardware and software solutions to recover data from electronic devices. Wrote software tools to parse recovered data and provide it in a useable form to non-technical people. Designed and developed multiple electronic devices using state-of-the-art processors and integrated circuits.

EDUCATION

May 1996

University of Colorado
Boulder, CO
Bachelor of Science
Major: Electrical Engineering

Dec 1991

Colorado State University
Fort Collins, CO
Bachelor of Science
Major: Mechanical Engineering

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PROFESSIONAL TRAINING RECEIVED

May 2013	Forensic Hardware Investigation Meeting, London, United Kingdom
April 2012	Forensic Hardware Investigation Meeting, Bonn Germany
March 2012	Communication Data and Digital Forensic Seminar 2012
April 2011	Forensic Hardware Investigation Meeting, The Hague, Netherlands
March 2011	Phoenix BIOS Training
August 2010	Cryptographic Hardware and Embedded Systems Conference
Fall 2010	Forensic Hardware Investigation Meeting, Madrid, Spain
Feb. 2009	Forensic Hardware Investigation Meeting, Oslo, Norway
Oct. 2009	Observed Moot Court Training
Feb. 2008	Forensic Hardware Investigation Meeting, Ottawa, Canada
Sep 2008	Evidence Training, FBI, Forensic Support Unit
April 2007	Forensic Hardware Investigation Meeting, San Diego California
April 2006	Forensic Hardware Investigation Meeting, London, United Kingdom
Sept. 2005	Semi-Tracks Failure and Yield Analysis

PROFESSIONAL INSTRUCTION/PRESENTATIONS PROVIDED

May 2013	Forensic Hardware Investigation Meeting, London, United Kingdom <i>"Android Defrosted: Data Recovery From Android Devices Without Getting Cold"</i>
Aug. 2012	FBI Digital Evidence Evolution Workshop, Norman OK <i>"The Mobile Landscape"</i>
May 2012	InfraGuard Meeting – George Mason University, VA <i>"CEAU Overview"</i>
April 2012	Forensic Hardware Investigation Meeting, Bonn Germany <i>"Data Recovery from a Damaged MicroSD"</i> <i>"CEAU Android Parsing Tool Updates"</i>
May 2011	Forensic Hardware Investigation Meeting, The Hague, Netherlands <i>"ECC Identification"</i> <i>"Blackberry Simulator as a Forensic Tool"</i> <i>"iPhAT Overview"</i>
Sept. 2010	Forensic Hardware Investigation Meeting, Madrid, Spain <i>"EFS2 File System Parsing"</i>
Feb. 2009	Forensic Hardware Investigation Meeting, Oslo, Norway <i>"Windows Mobile 6 Security"</i> <i>"iPhone Data Recovery"</i>

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Oct 2008	Forensic Forum – McLean, VA <i>"Using JTAG to Access NAND in ARM Processors"</i>
Aug 2008	Forensic Forum – McLean, VA <i>"Embedded Systems Reverse Engineering"</i>
Feb. 2008	Forensic Hardware Investigation Meeting, Ottawa, Canada <i>"Verbatim Thumb Drive Analysis"</i> <i>"iPhone Flash Memory Analysis"</i>
April 2007	Forensic Hardware Investigation Meeting, San Diego California <i>"Garmin Memory Analysis"</i> <i>"JPEG File Reconstruction"</i>
April 2006	Forensic Hardware Investigation Meeting, London, United Kingdom <i>"Nokia 6255i Deleted Data Recovery"</i>

PROFESSIONAL AWARDS

2000	Attorney General's Award for Excellence in National Security
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